

App 10/624,531

PATENT APPLICATION NO. 10/624,531

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*Please delete the paragraph on page 17, lines 9-14, and replace it with the following paragraph:*

Table 4 is the theoretical MS/MS spectrum of peptide tryptic FPNCYQKPCNR (**SEQ ID NO: 32**). Modification Cys\_CAM (iodoacetamide, +57Da) used to break di-sulfur bonds have been considered as a variable modification. The rule is that every cysteine (C) can be modified. The total mass of the peptide is in the column labeled as "Total". The two cases where one cysteine only is modified share the same total mass. As the fragment masses are needed, the exact location of the modifications is necessary.